

*FSA Integration Partner*

United States Department of Education

Federal Student Aid



# Enterprise Application Integration (EAI)

PEPS to FPDM

Interface Control Document

Version 1.1

August 6, 2003

**Document Change Control**

Date	Author	Version	Change Reference
7/15/03	Lisa Phillips	1.0	Initial Document Creation
8/6/03	Nancy Vosburgh	1.1	Changed the name of the PEPs file.

**Creation**

Created By:	Lisa Phillips	202.962.0724	Creation Date: 7/12/03
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**Interface Control Specification**

Interface Short Description:	This interface is used to transmit data from PEPs to the FP Data Mart.
Source Application:	PEPS
Destination Application:	FP Data Mart
Functional Requirement References:	FP Data Mart Release 3 Requirements, Section 32.2
Related Interface Internal Design(s):	FP Data Mart Release 3 Interface Designs, Section 1.2.3
Related Unit Test Document:	
Other Related Interfaces:	The following interfaces will also be modified for Release 3 of the FP Data Mart: NSLDS-FPDM FMS-FPDM.
Interface Usage Frequency:	This file will be created and transmitting monthly.
Interface Usage Volume:	One flat file

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## Interface Overview

Flow Diagram:



Usage Scenario:

PEPS will create a set of files to be transmitted via the EAI Bus to the FP Data Mart on a monthly basis for the third release of FP Data Mart. These transfers are in addition to the already existing transfers that were developed during the second release.

#	Name	Description	Object Type	Hardware	Operating System
1	PEPS	Postsecondary Education Participants System	Flat file	HP	Unix
2	EAI Bus	Transports file to FPDM	Flat file	Sun	Solaris 7
3	FPDM	Financial Partners Data Mart	Flat file	Sun	Solaris 5.6

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## PEPS (Source) System Hardware/Software Components

#	Type	Vendor	Product Name	Version
1	Production Platform	HP		
2	Operating System	Unix		
3	DBMS	Oracle		

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## FPDM (Destination) Hardware/Software Components

#	Type	Vendor	Product Name	Version
1	Production Platform	Sun	Sun	
2	Operating System	Solaris	Solaris	5.6
3	DBMS	Oracle		8.1.6

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### Source System Additional Information

#	Type	
1	Production System IP Address	4.20.3.252
2	Production System Location	VDC
3	Contracting Organization	CSC
4	Developer Location	Union Center Plaza, Washington, DC

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### Destination System Additional Information

#	Type	
1	Production System IP Address	4.20.17.152
2	Production System Location	VDC
3	Contracting Organization	Integration Partner
4	Developer Location	Union Center Plaza, Washington, DC

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### Source System Responsibilities

#	Type	Responsibility
1	File Creation	<p>Run the extract for the following file on a monthly bases on the last Sunday of every month on the following approximate dates:</p> <p>F_LNDR_ASSOC.txt</p> <p>September 28, 2003: October 26, 2003 November 30, 2003 December 23, 2003</p> <p>Extract dates for future years will continue to be the last Sunday of every month.</p> <p>Place the files in the following directory:</p> <p>/export/data/fp</p>
2	System Configuration	PEPS is expected to have MQSeries v5.2 installed.

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### Destination System Responsibilities

#	Type	Responsibility
1	System Configuration	<p>Check for files received and placed in the following directory:</p> <p>/ftparea/fp_ftp_in/SrcFiles/NSPEP</p>



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**File Specification #1 - LNDR\_ASSOC.txt**

File Layout:

Start	End	Length	Type	Description	Valid Values
1	8	8	Char	Lender ID	
9	16	8	Char	Lender Association ID	

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**Error Messages**

Error handling will utilize the Common Error Handling API.

#	Code	Message
1	Error - stop processing	Error retrieving from the file directory.
2	Error - stop processing	MQSeries Transfer Utility cannot be called

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**Issues and Additional Considerations**

Raised By	Issue	Date Needed	Resolution/ Answer	Date Completed	Resolved By
	None				

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**Reviewers**

Name	Date	Team
Cyndy Elrod	Submitted for review on 7/17/2003	PEPS